Title (en)

IDENTIFICATION OF VACCINIA VIRUS DOMINANT T CELL EPITOPES

Title (de)

IDENTIFIKATION VON VACCINIA-VIRUS-DOMINANTEN T-ZELL-EPITOPEN

Title (fr)

IDENTIFICATION D' EPITOPES DE LYMPHOCYTES T DOMINANTS DU VIRUS DE LA VACCINE

Publication

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Application

EP 04705315 A 20040126

Priority

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Abstract (en)

[origin: WO2004067032A2] The present invention relates to the identification of gene sequences and proteins involved in vaccinia virus dominant T cell epitopes. Two vaccinia virus CD8<+> T cell epitopes restricted by the most common human MHC class I allele, HLA-A0201 have been identified. Both epitopes are highly conserved in vaccinia and variola viruses. The induction of the T cell responses following primary vaccination is demonstrated by the kinetics of epitope specific CD8<+> T cells in 3 HLA-A0201 individuals. This information will be useful for the design and analyses of the immunogenicity of experimental vaccinia vaccines, and for basic studies of human T cell memory.

IPC 8 full level

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CPC (source: EP US)

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